CASE No.: ST03004USU (172-US-U1)   Serial No.: 10/633,488

Amendments to the Specification

Please replace paragraph [027] with the following amended paragraph:

[027]   The maximum deviation of the grid point altitude from the surface fit is the error associated with this ~~forth~~ <u>fourth order</u> polynomial equation. If this error exceeds some error threshold, <u>(such as 100 meters)</u> then the polynomial fit is rejected and more than one polynomial surface fit is required. In other implementation, different error thresholds may be employed. If the error threshold has not been exceeded then only one polynomial surface fit is required.

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